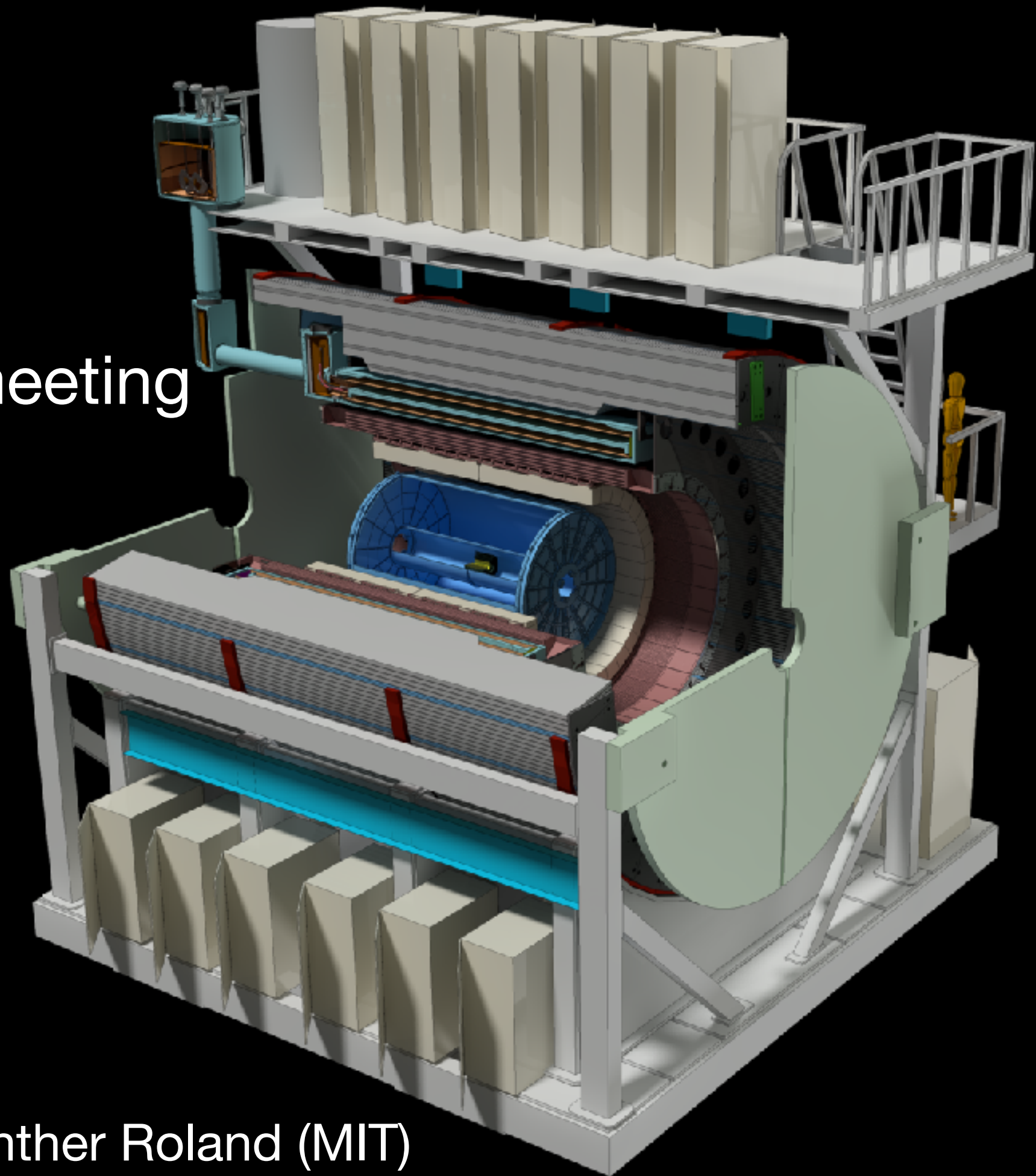


sPHENIX general meeting  
Collaboration news  
November 4, 2016



Dave Morrison (BNL), Gunther Roland (MIT)




**KEEP  
CALM  
AND  
VOLUNTEER**

(to take minutes for today's meeting)

# Plan for today

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## Friday, 4 November 2016

12:00 - 12:30	<b>sPHENIX News: CD-0, QM, collaboration census 30'</b> Speakers: Dr. David Morrison (BNL), Prof. Gunther Roland (MIT)	▼
12:30 - 12:45	<b>Engineering news 15'</b> Speaker: Don Lynch (BNL/PHENIX)	▼
12:50 - 13:05	<b>TPC news 15'</b> Speaker: Prof. Thomas Hemmick (Stony Brook University)	▼
13:05 - 13:20	<b>MAPS proposal update 15'</b> Speaker: Dr. Ming Liu (Los Alamos) Material: <a href="#">Slides</a> 	▼
13:20 - 13:40	<b>HCAL workfest report 20'</b> Speaker: Prof. John Lajoie (Iowa State University)	▼

# CD-0!

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- Congratulations to us all! Represents a huge effort from whole Collaboration to get to this point!
- Project Management is developing a detailed list of tasks needed from the Collaboration as we move toward CD-1.
  - Planning for extensive discussion of this at Collaboration meeting in Atlanta. As of today, 34 people are registered for the Collaboration meeting. A meaningful discussion needs greater participation!
  - An opportunity for groups to identify ways for their students and postdocs to contribute and to establish areas of responsibility for their groups.

# Recent discussions with the ALD

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- Strong focus on what happens now that we have CD-0?
  - Nature of BNL announcement of sPHENIX CD-0. Could be a story on BNL web site. Working with Karen Walsh in PR to develop that. (side: KW wants pre-QM'17 meeting with STAR, PHENIX to preview highlights – should we push to participate?)
  - Possible visit to CERN by ALD and Collaboration and Project management to discuss coordination of resources.
- Detailee (IPA?) for DOE ONP HI has been identified (to take over from Jim Sowinski), but DOE ONP hasn't released the name yet
- Relayed concerns about gap in spin running. Talked about setting up a WG (PHENIX, STAR, sPHENIX) to look at the degree to which a 2021 run would be meaningful.
- BNL nuclear theory has a senior and a junior position open. Suggestions?


# Brief MIT workshop report

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- October 28, 29, ~40 participants (I counted 10 theorists)
  - <https://indico.cern.ch/event/558954/>
- Many interesting talks on topics relevant to sPHENIX physics: heavy flavor and quasiparticles (Rapp), jet structure techniques (grooming,  $z_g$ )(Thaler, Chien, Verweij), development of theoretical frameworks (Majumder), lots of new experimental data from RHIC and LHC
- sPHENIX figured prominently throughout the workshop
  - e.g., Krishna Rajagopal announced to all Tim Hallman's statement to NSAC that sPHENIX had been approved for CD-0

# QM'17 plans

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- We've secured one sPHENIX parallel talk – will have to cover a lot of ground, but seems appropriate for this stage
    - Send Gunther and me nominations for someone who would give an excellent talk!
- (someone who will hit it out of the park)
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- Nearly all posters were accepted. This will be our primary avenue of visibility at QM'17, so planning well ahead on these is critical. Looking for help to develop a good template for posters.
  - We're not planning a pre-QM'17 meeting.

# IB and Collaboration survey

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- We've sent out a request to IB members to update the list of Collaborators at their institution. Asking for reply by November 18, 2016 (two weeks from today).
- Will follow that with an email to each sPHENIX Collaborator
  - make sure contact information is correct
  - find out technical and physics interests
  - ask about sPHENIX related plans
  - ask for any other input
  - will be treated confidentially



# Collaboration meeting

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- 3rd sPHENIX Collaboration meeting, December 15-17, 2016 at GSU – please *sign up now!*
- We have 34 registrants. That's really too few. Let's see if we can double that number. If you can't go, consider sending a postdoc or a student.
- sPHENIX has just received CD-0. It's an ideal time to come to Collaboration meeting. We'll discuss physics, tasks aimed at CD-1, QM'17 preparations, and more.
- The meeting agenda is developing
  - <https://indico.bnl.gov/conferenceDisplay.py?confId=2327>